

CABLE MODEM SYSTEM AND METHOD FOR DYNAMICALLY
MIXING PROTOCOL SPECIFIC HEADER SUPPRESSION TECHNIQUES

ABSTRACT OF THE DISCLOSURE

A cable modem system and method is provided for the transfer and processing of data in accordance with specialized data transfer protocols while utilizing conventional cable modem termination system (CMTS) equipment. A cable modem system in accordance with the invention includes a cable modem that provides for the modification of data packets in accordance with one or more proprietary protocols and the addressing of the modified data packets to a CMTS. The CMTS is adapted to reconstruct the data packets.

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